

NEWS

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April 23, 1963

Engineering Open House May 10-11, 1963

Engineering Open House is being planned as a real gala weekend. All of us in Agricultural Engineering--staff and students alike--hope that you, your family, and neighbors will visit the department and campus on Friday afternoon and Saturday. In addition to Engineering Open House, the Illinois Junior Academy of Science and the Junior Engineering Technical Society (JETS) will be very much in evidence.

And here is a danger we want to point out: So much will be going on that you may be tempted to ride by the Agricultural Engineering exhibits without stopping. This to us would be sheer tragedy. Exhibits will be centered at the Assembly Hall and on the north end of the campus. Agricultural Engineering, as you will remember, is in the middle of these two extremes. A bus will shuttle between the Assembly Hall and the north end, and a regularly scheduled stop will be made at the Agricultural Engineering Building. A green-clad giant will be at the Agricultural Engineering stop to invite you to get off and see what our Agricultural Engineering students have prepared for your enjoyment. May I urge you to come, visit, and have a cup of coffee with us.

Of course I am pledged to secrecy as to the details of the show, but suffice it to say--'twill be imaginative. We will be looking for you.

February Graduates

The following seven men completed requirements for the Bachelor of Science degree in Agricultural Engineering in February:

<u>Name</u>	<u>Home Town</u>	<u>Employment</u>
Stephen D. Burdette	Bartonville	Caterpillar Tractor Company, Peoria
Kenneth R. Dirks	Peoria	LeTourneau-Westinghouse Company, Peoria
Donald V. Fischer	Waterloo	U. S. Army
Arthur E. Griener	Henry	U. S. Army
David J. Olson	Sherrard	Graduate College, University of Illinois
John L. Schlafer	Stockton	Graduate College, University of Illinois
David R. Schmid	Urbana	Graduate College, University of Illinois

Student Awards

It was my pleasure at the Student Banquet on April 2 to present ASAE Honor Awards to three outstanding students, Charles Anderson, Wyanet; Patrick Duffy, Wyoming; and Jerry Weibel, Champaign. To receive this award, a student must be elected by his fellow students on the basis of such things as scholarship and leadership in student activities.

Another highlight of the banquet was the presentation of the Lehmann Award. Most of you will recall that when Professor E. W. Lehmann retired as head of the department in 1955 a scholarship fund was established in his honor. The first award was made last year to Charles Anderson. This year the award went to Mervin G. Aden, Potomac. Mervin has attended the University for four years, commuting each day from his farm at Potomac, which is 30 miles from Urbana. While handling this dual role as farmer and student, he maintained a B average. Both Charles and Mervin are deserving of this award, which is based on a combination of scholarship, improvement, need, and overall evaluation by the department advisers. Monetary value of the awards has not been large because only the interest derived from the fund is being used. Additional contributions to the fund are always welcome, and they can be sent to the University of Illinois Foundation and designated for the Lehmann Fund.

Graduate Fellowships

I am always proud to announce the names of students who have been offered graduate fellowships in our department. These fine young men come from four different schools and by Illinois standards have "Bronze Tablet" ratings. They are Dennis L. Larson, Iowa State; Dennis L. Lebeda, Oklahoma State; William E. Muir, University of Saskatchewan; and Charles W. Sauder, Kansas State.

News of Alumni

Loren R. Maxey is service manager for the Forney Manufacturing Company, Box 563, Fort Collins, Colorado. Jerry D. Fritschle, '61, is engineer in the watersheds section, Illinois Department of Agriculture, Springfield. Murray W. Forth, '48 and M.S. '53, is the lone nominee for chairman of the Quad City Section, ASAE, for 1963-64. Murray is senior development engineer, Product Development Department, Deere and Company, Moline. John C. McMunn, '58 and M.S. '60, will complete a second Master of Science degree with a major in Applied Mechanics from Washington University this semester. John is an engineer with the McDonnell Aircraft Corporation and receives his mail at 9785 McDowell Place, St. Louis 14, Missouri. He recently reported that his training in soil mechanics was proving of value to him in his work with the Gemini spacecraft. James F. Gastel, '58, has traded his Marine Corps wings as a jet pilot for work with the W. T. Neiman consulting engineering firm in his home town of Freeport, Illinois.

Maurice Burgener, '48 and M.S. '49, has recently been appointed assistant to the vice-president of the Portland Cement Association. Wayne Hartman, '51 and M.S. '52, is now department engineer and in charge of all internal combustion engine design for J. I. Case.

Recent visitors to the department were Maurice Paul, '57 and M.S. '61, who is with the Bureau of Reclamation of Denver, where he designs power house structures for large dams, and Dean Winter, '50, who is agricultural engineer with the Transportation and Facilities Research Division of the USDA. Ed Monke, '50, M.S. '53, and Ph.D. '59, now at Purdue, enjoys going by land or by air. He is sporting a new Volvo coupe and a part interest in a Cessna Skyhawk.

New arrivals are reported in the home of Professor and Mrs. J. A. Weber, '42 (a girl) and Mr. and Mrs. Larry F. Huggins, '60 and M.S. '62 (a boy). There were wedding bells in Elmwood Park on April 6 for Carol Ellen Kujala and Richard T. Bennett, M.S. '59.

Analog Computer

This week a TR-48 Pace Analog Computer will be added to the facilities of the department. This is a general-purpose computer that can be expanded to 48 amplifiers and can be readily adapted to solve ordinary or partial and both linear and non-linear differential equations that describe many agricultural engineering phenomena. Students in the instrumentation course will make the first use of this fine piece of equipment; later it will be applied in other courses and in research. A one-week school on the application of the computer to engineering problems is being planned for August. More details will be available at a later date.

Lost--Nine Alumni

Professor Paul Bateman is attempting to contact all of the graduates of the department to bring our address list up to date and find out what they are doing.

Paul has not been able to contact the following nine men. If you know where any of these men are, won't you please drop a line to Professor Bateman:

H. W. Glover	- M.S. '49
L. J. Harvatin	- B.S. '52
L. W. Heller	- B.S. '50
Howard Hunnicutt	- M.S. '50
R. P. Kay	- M.S. '50
R. E. Newman	- B.S. '51
L. L. Watson	- B.S. '51
Da Chang Wu	- B.S. '48
A. M. Zakiyah	- B.S. '54

Agricultural Engineers in the Space Age

At least eleven of our alumni are now working in positions connected with missile or space projects:

R. H. Eagleton, '48	- Instrument engineer for Project Mercury, McDonnell Aircraft
D. H. Bachman, '49	- Senior research engineer, Rocketdyne, Division of North American Aviation
A. J. Asher, '50	- Senior research engineer, Space and Information Systems Division, North American Aviation

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| M. Lenard, '50 | - Research engineer, Missiles and Space Vehicle
Department, Space Science Laboratory |
| J. G. Castor, '51 | - Senior development engineer, Air Research
Manufacturing Company of America |
| D. F. Hopkins, '51,
M.S. '58, Ph.D. '62 | - Research engineer, Douglas Aircraft |
| K. G. Kampenga, '51 | - Project engineer, Saturn V, Arrowhead Products
Division of Federal Mogul Bowers, Inc. |
| G. H. Nelson, '52 | - Assistant to vice president of Flui Dyne
Engineering Corporation |
| J. G. McMunn, '58,
M.S. '60 | - See page 2 |
| V. P. Gillespie, '60 | - Aero space technologist, National Aero
and Space Administration |
| H. E. Remmers, '60 | - Engineer, Aero Jet Corporation |

Winter Short Course

The Annual Six-Week Winter Short Course in Agriculture and Home Economics ended March 15. Total number of students was 155, 47 more than last year. Enrollment in Agricultural Engineering courses was 180. (Several students scheduled more than one agricultural engineering course.)

News From the South Farm

Professor Paul Bateman and South Farm associates appreciate the machine storage space provided by the tilt-up concrete slab building that was erected by the student branch members last fall. This is the 14th year of operation of the farm.

Frank B. Lanham